

Zoom Stereoscope
the contract action

25X1

15 April 1964

MEMORANDUM FOR: Director, NPIC

Declass Review by NGA.

VIA : Executive Director, NPIC

SUBJECT : Procurement of a Modified [redacted] Zoom 70 Stereoscope

25X1

REFERENCE : Chief, Administrative Staff, O, DD/I, Memorandum dated 1 February 1964: Approval of Research and Development Activities.

In accordance with the authority delegated by paragraph 3 of the reference, approval for procurement of a Modified [redacted] Zoom 70 Stereoscope in the amount of [redacted]

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Assistant for Plans and Development, NPIC

17 APR 1964

Date

Executive Director, NPIC

APPROVED:

Arthur G. Lundahl
Director, NPIC

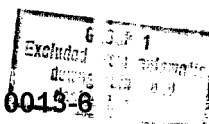
Date

Attachment:
Annex A

Distribution:
Orig & 1 - AS, LE, NPIC
2 - O/D v/s
2 - P&DS, DB, NPIC

NPIC/P&DS/DB: [redacted] (5 April 1964)

CONFIDENTIAL



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Approved For Release 2005/02/17 : CIA-RDP78B04770A001100010013-6

Research and Development
Project Approval Request

I. Identification.

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The National Photographic Interpretation Center, Plans and Development Staff, intends to undertake the development of a modified [] Zoom 70 Stereoscope under a [] fixed price contract with [] This item was not programmed for in the Fiscal Year 1964 budget because [] had previously been unable or unwilling to provide an acceptable engineering change. However, proper functioning of this instrument is so important to our operations that this development should be undertaken in Fiscal Year 1964.

II. Objectives.

The result of this development will be a Zoom 70 Stereoscope which incorporates basic engineering changes designed to improve reliability, increase ease of viewing and obtain better optical alignment; consequently, it should increase the analyst's efficiency and reduce maintenance problems.

III. Background.

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The present [] Zoom 70 Model II Stereoscope has a number of components which are awkward to use and/or function unreliably under continuous operational usage. The primary problem is the "clip-on" rhomboid unit. The present mount is not rigid enough to insure, or maintain, optimum optical alignment. As a consequence, focusing problems and attendant eye strain result. The other modifications are small changes to reduce sources of minor irritation to the analysts. These modifications should result in a vastly improved photo interpretation tool.

IV. Technical Specifications.

A Zoom 70 Stereoscope will be modified as follows:

1. Incorporation of a broad base precision dovetail slide arrangement for mounting the removable rhomboid unit.
2. Provision of an improved method of securing the independent zoom knobs on their shafts.
3. Addition of index marks to each individual zoom control knob so that the interpreter can tell at a glance that he has different magnification settings for the right and left eye.
4. Captivation of the pod retainer screws to reduce the current high rate of loss.
5. Provision of matched serial numbers on both the scope and the rhomboid unit so that the same rhomboid unit is always used with the scope it was originally aligned with.

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GROUP 1
Excluded from automatic
downgrading and declassification

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V. Contractor and Financial Arrangements.

25X1 [] was requested to submit this proposal because, if successful,
it will become an integral component of future [] production models 25X1
and an available retrofit package for our present units. The [] fixed 25X1
price contract includes the cost of the basic Model II Microstereoscope.

VI. Security.

25X1 This contract will be an [] Confidential contract. The required security
measures are already in effect at the vendor's plant as a result of other []
contracts.

SECRET
(When Filled In)

8 April 1964

*Zoom 70 scope
Pre-contract
actions*

TECHNICAL BACKGROUND PROCUREMENT INFORMATION

I. Contractor

A. Name and address: 25X1B. Evaluation of previous performance: Contractors performance has been
generally acceptable but marginally so.II. Brief description of this procurement: Zoom 70 with modified
rhomboid mount and minor improvements 25X1Estimated total amt. 25X125X1 A. Deliverable items: one Zoom 70 Stereoscope with prototype dovetail
mounted rhomboid unit, Captivated pod retainer screws, serial number plates
on both pod & rhomboid unit, and more securely fastened independent zoom
knobs with index marks incorporatedB. Is this procurement for other than a standard, "off the shelf" or slightly
modified commercial item? No If "yes", is it anticipated that
any more of this unit will be procured? If so, a complete
set of directly reproducible manufacturing drawings and specifications
would normally be included in this procurement. Comments: This is a modification to improve a commercial item. If successful,
future production models will incorporate it. In addition it may be
retrofitted to our present units.C. Will contract cover a period of more than 90 days? No
If "yes", are progress reports desired? If so, indicate fre-
quency, content and number of copies desired: D. Is any Government-owned property to be provided to the contractor?
No If so, list and indicate its availability (where, when,
etc.) SECRET
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E. Is any special tooling involved? No

F. Security:

1. Association with the Sponsor is Confidential

2. The specifications and/or drawings are unclassified

3. The item is unclassified

4. Contractor personnel known to be aware of this proposed procurement:

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5. Other security information

III. Reasons for selection of this source. If other sources were considered, indicate results. If no other sources were considered, list the reasons why this firm is considered to be uniquely qualified to perform this work.

No other sources considered because is uniquely qualified to modify equipment of their own manufacture.

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IV. Technical contact

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Name

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In the event additional space is required, use the reverse side(s) of this form, with a reference to the item number to which the comment applies.

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